



# The Complete Gearbox Solution

Maintenance and Repair for Whole Life Value

know-how makes the difference

**ERIKS**

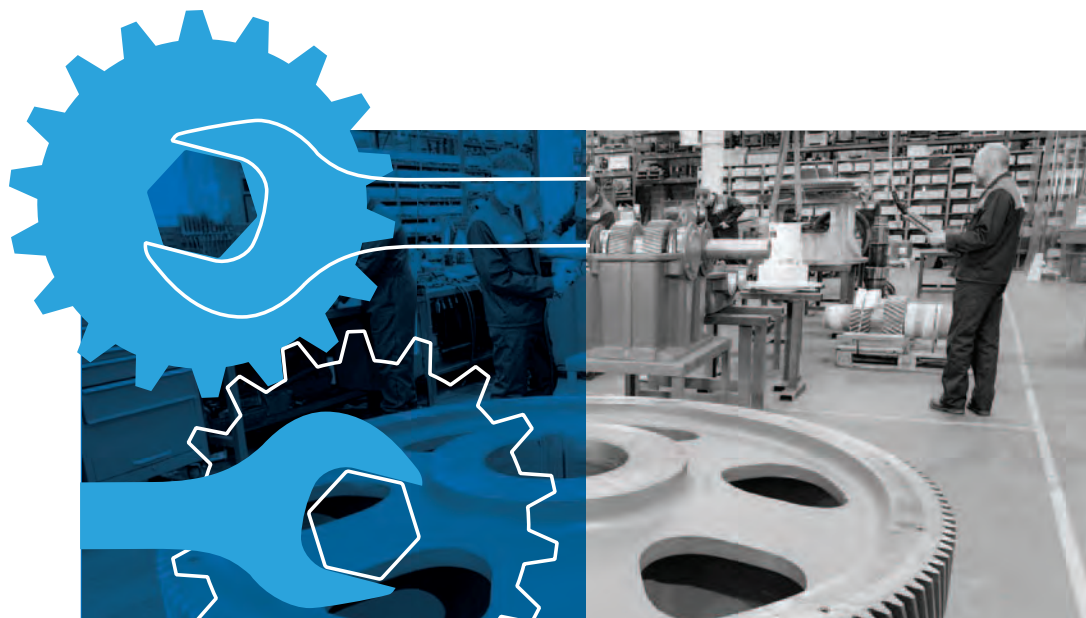
# WHY CHOOSE ERIKS?

**ERIKS offer not just products, not just service, but a complete service partnership and gearbox solution for OEM and MRO customers. The only choice from electrical input to driven machine, ERIKS give you what's right for your application, your business, and your budget.**

ERIKS repair, replace or upgrade capability means you get a solution-neutral approach that delivers the very best value. And ERIKS' engineering expertise means you can expect a bespoke solution when off-the-shelf won't do.

## Complete capabilities

- Repair, replace, upgrade
- Service exchange
- Field-based application and product specialists
- Online tools
- Site services
- Design and development
- Assembly and customisation
- Private label heritage
- Rapid assessment
- Direct access to all leading brands
- Load testing
- Condition monitoring
- Failure mode analysis
- Dedicated facilities
- Service contracts





# WHAT MAKES ERIKS DIFFERENT?

**Our attitude, experience and expertise are all things which help to make ERIKS different. But it's also the range of services and solutions we offer – covering repairs, replacements and upgrades – that you won't find together all in one place from any other gearbox solutions provider.**

## **SITE SERVICES**

- Site teams – fully trained and insured
- HSEQ certification
- Project and design management
- Extraction, installation, commissioning
- On-site technical support and training
- Laser alignment

## **BESPOKE PACKAGE SOLUTIONS**

- Fully managed turnkey projects
- Full machine upgrades and modifications
- MRO and OEM product solutions
- Full manufacturing facilities
- Latest 2D and 3D CAD design
- Inventory advice

## **WARRANTIES**

Comprehensive extended and service warranties available, tailored to your needs.

## **CONDITION MONITORING**

- Vibration analysis
- Thermographic analysis
- Oil debris and condition analysis
- Endoscope inspection

A visual, photographically recorded internal inspection by a skilled engineer – eliminating the need to remove or strip the gearbox.

This identifies:

- Micro and macro pitting
- Fatigue and wear
- Abrasion and scuffing
- Cage failures

## **ACCREDITATIONS**

- CAD trained and qualified engineers
- ISO 9002
- ISO 9001 – 2005
- ISO 14001 – 2004
- ATEX certified
- OEM trained and qualified engineers
- BMPTA
- EIA
- ENA
- SAFEcontractor
- IOSH
- IET
- AEMT
- BIFM



# ADDING VALUE TO YOUR BUSINESS

**Today's intelligent purchasing decisions are not just about cost, but about value. What looks cheap to buy in the short term can be expensive to own in the long term, so it makes sense to consider every aspect to determine what represents real value and the best option for your budget.**

Choosing ERIKS to supply your new gearbox – or to maintain or repair an existing gearbox – can offer real savings, thanks to:

- Unbiased product and solution recommendations, based on real-life conditions in your application
- Repair, replace, service exchange or upgrade options
- Energy-saving illustrations
- Product and application knowledge and experience, ensuring the best solution for your individual application
- Total cost of ownership
- Plant availability
- Inventory reduction





# CHOOSE FROM THE MARKET LEADERS

**ERIKS offers a range of gearboxes and related products, from Europe's market-leading manufacturers, as well as ERIKS own brand.**

ERIKS has access to global and local inventory, ensuring the full range of products are always available. All products are offered with technical support (in-house and from the manufactures), along with training and product support packages.

ERIKS supports a large range of products from many leading gearbox manufacturers/suppliers which include: Radicon, Sumitomo Drive Technologies, SEW Eurodrive, Fenner, Bonfiglioli, Siemens-Flender, Rossi, Nord, Renold, David Brown.

- Gearboxes
- Geared motors
- Packaged gear drives
- Gear manufacture
- Loose gearing
- Automation gear technology

## The Fenner advantage

ERIKS only ever recommends the right product and the right brand for your specific requirements – regardless of manufacturer.

More and more companies are finding that the synergies gained by purchasing the whole of their drive train from Fenner makes commercial and engineering sense:

- Over 150 years of product and application knowledge
- Rugged, reliable, tried and tested solutions
- Bespoke assembly and kitting
- Customised packages
- Energy efficiency delivering the lowest Total Cost of Ownership
- A unique complete solution – if required – from electrical input to driven machine



# ALL THE SERVICES AND FACILITIES



## Core Competence Centre

ERIKS operates a dedicated gearbox Core Competence Centre, providing a centralised facility offering:

- Breakdown support and planned maintenance, 24/7/365
- Gearbox inspection and assessment
- Up to 50 tonne capacity
- 500 tonne pressing
- Straight out Straight in solutions
- Root cause failure mode analysis
- Repairs carried out to manufacturers' specifications
- Use of genuine spares
- Detailed test programme
- Fully guaranteed workmanship
- Digital photographic records
- Documented solutions and cost savings

- Extensive gearbox inventory with rapid assembly
- Service exchange

The Core Competence Centre is supported by a nationwide network of local workshops.

## Additional Services

Additional services available to help you operate and maintain your gearboxes with maximum efficiency and minimum downtime include:

- Condition monitoring
  - Oil analysis
  - Vibration analysis
  - Thermal analysis
- Full asset management services
- In-service warranty
- Gearbox health check and surgery

## Online Condition Monitoring

Why wait for a gearbox failure? The ERIKS Gearbox Guard offers an early-warning to a potential gearbox failure, through a cost-effective, continual online monitoring system.

Simple to install and commission, ERIKS Gearbox Guard provides real-time data to any web device, including data trending and electronic alerts.





**YOU NEED**

## **CASE STUDY**

**Fast repair, technology innovation,  
and future failure prevented.**

ERIKS were contacted by a dolomite producer – a supplier to the steel industry – when their plant's main pelletiser drive suffered a catastrophic failure.

### **SITUATION**

Without the drive, the plant would suffer enormous losses. ERIKS' investigations revealed that a previous oil leak, and subsequent lubrication issues, were the main contributing factors to the failure.

### **SOLUTION**

ERIKS reworked and repaired the drive, at the same time adding the innovative Gearbox Guard early warning system to monitor temperature, vibration and oil levels, and report every 10 seconds using cloud technology.

### **SAVING**

The drive was totally inoperative and without it the plant could not run. The OEM's best repair time was 18+ weeks. ERIKS achieved it in 6 weeks, including retrofitting Gearbox Guard to prevent repeat failures.



# ERIKS repair and maintenance services cover

ERIKS offers a complete range of services. So you can benefit from the option to repair, replace, or upgrade – to increase your productivity and your cost-efficiency – across any or all of:

- Gearboxes
- Condition Monitoring
- Pumps
- Electronics
- Motors



Call 0845 006 6000  
[www.eriks.co.uk](http://www.eriks.co.uk)

ERIKS UK

Amber Way, Halesowen,  
West Midlands, B62 8WG



[www.carbonbalancedpaper.com](http://www.carbonbalancedpaper.com)



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